

(1/1 PAJ) - (C) PAJ / JPO

PN - JP4077415 A 19920311

AP - JP19900187944 19900718

PA - TAIYOU KOURIYOU KK

IN - FUKUDA SEIJI; others: 02

I - A61K7/16 ; A23G3/30 ; A61K37/02

TI - DENTAL CALCUS PREVENTING COMPOSITION

AB - PURPOSE: To obtain dental calculus-preventing composition having excellent dental calculus formation-preventing action and high safety even in continuous use for a long time containing casein phosphopeptide as an active ingredient.

- CONSTITUTION: Casein phosphopeptide used in an amount of  $\geq 0.01$  wt.%, preferably 0.1-5 wt.% to total of the composition and other well-known excipient, auxiliary, flavor, antibacterial agent or antiseptic agent, etc., are suitably mixed, then prepared to afford the objective composition. Said composition can be used in adding to dentifrice, mouth wash, a troche, a gargle, an ointment or chewing gum, etc. Casein phosphopeptide suppresses precipitation of calcium phosphate regarded as a cause of dental calculus formation, suppresses the transformation from amorphous calcium phosphate to hydroxyapatite and further effectively suppresses the crystal growth of hydroxyapatite.

GR - C0956

ABV - 016289

ABD - 19920626

2/3 (1/1 WPI) - (C) WPI / DERWENT

AN - 1992-136695 [17]

AP - JP19900187944 19900718; JP19900187944 19900718; [Based on J04077415 ]

PR - JP19900187944 19900718

TI - Pharmaceutical compsn. for preventing tartar - contg. casein phosphopeptide for preventing pptn. of calcium phosphate or hydroxyapatite

IW - PHARMACEUTICAL COMPOSITION PREVENT TARTAR CONTAIN CASEIN PHOSPHO

PEPTIDE PREVENT PRECIPITATION CALCIUM PHOSPHATE HYDROXY

APATITE

PA - (TPER ) TAIYO PERFUMERY CO LTD

PN - JP4077415 A 19920311 DW199217 005pp

- JP6099294B B2 19941207 DW199502 A61K7/16 004pp

ORD - 1992-03-11

IC - A23G3/30 ; A61K7/16 ; A61K37/02

FS - CPI

DC - B04 D21

AB - J04077415 Compsn. contains casein phosphopeptide as an active ingredient. Casein phosphopeptide is compounded in this compsn. at 0.01 wt.% or more, pref. 0.1-5 wt.%.

- USE/ADVANTAGE - This compsn. is compounded in toothpaste, mouthwash, troche, gargle, chewing gum, etc. This can prevent calcium phosphate from the precipitation and also prevent hydroxyapatite formation. This is quite safe on long-term usage.

- In an example, toothpaste contains calcium diphosphate (42 wt.%), glycerol (19 wt.%), carrageenan (1 wt.%), sodium lauryl sulphate (1 wt.%), saccharin (1 wt.%), casein phosphopeptide (0.5 wt.%), perfume (1 wt.%) and water. (Dwg.0/0)